

at least one of a window regulator subassembly and a door lock subassembly carried by said door trim panel prior to assembly of said door module to the door inner liner, wherein said at least one subassembly is mounted to be movable relative to said door trim panel before said module is assembled to the door inner liner.

19. The door module of claim 18 wherein said at least one of a window regulator subassembly and a door lock subassembly comprises said window regulator subassembly and said door lock subassembly.

20. The door module of claim 18 wherein said at least one of a window regulator subassembly and a door lock subassembly comprises a power window regulator subassembly.

21. The door module of claim 20, wherein said power window regulator subassembly comprises a motor and said motor is positioned on said door trim panel prior to assembly of said module with the door inner liner.

22. The door module of claim 21, wherein said motor is positioned on said door trim panel at the final and definite location that said motor will have relative to said door trim panel after said door trim panel has been assembled to the door inner liner.

23. The door module of claim 18 wherein said door trim panel includes a main part having an opening and a removable part for covering the opening, said removable part being at least partially removable or detachable from said main part.

Sub C2 ✓
24. The door module of claim 18, further comprising: a lower deflector arranged to be located at an upper edge of a lower portion of the door inner liner; a portion of elastic, foam type material below said deflector; two support appendages that are directed towards the door inner liner when said door module is assembled to the door inner liner; and a profile disposed between said appendages, said profile having two ends that project towards the door inner liner at different heights, when said door module is assembled to the door inner liner, to form two lines of waterproofing associated with drain holes in the door inner liner, wherein said deflector, said portion of elastic, foam type material, said two support appendages and said profile form continuous lines between said door trim panel and the door inner liner when said door module is assembled to the door inner liner.

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25. The door module of claim 24 wherein said portion of elastic, foam type material acts as a lower support for said door module when said door module is assembled to the door inner liner.

26. The door module of claim 24, wherein said lower deflector has two inclined slopes relative to the horizontal, said two inclined slopes meeting at a lower common meeting point in a protruding channel (50) that extends downwards and towards the door inner liner when said door module is assembled to the door inner liner.

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27. The door module of claim 18, further comprising: a lower deflector arranged to be located at an upper edge of a lower portion of the door inner liner; a portion of elastic, foam type material below said deflector; two support

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appendages that are directed towards the door inner liner when said door module is assembled to the door inner liner; and a longitudinal bead or strip of adhesive disposed between said appendages and the door inner liner when said door module is assembled to the door inner liner, wherein said deflector, said portion of elastic, foam type material, said two support appendages and said longitudinal bead or strip of adhesive form continuous lines between said door trim panel and the door inner liner when said door module is assembled to the door inner liner.

28. The door module of claim 18 wherein:
said at least one of a window regulator subassembly and a door lock subassembly comprises said window regulator subassembly;

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said window regulator subassembly comprises window winder rails having L-shaped appendages having fins; and

said door module further comprises pairs of protruding lugs having holes, said lugs being secured to said door trim panel and said fins being held loosely in said holes of said lugs in order to maintain said rails attached to said door trim panel during transport of said door module and until said door module is assembled to the door inner liner.

29. The door module of claim 28 wherein said door trim panel is securable to the door inner liner by bolts or screws that also fasten said rails to said door trim panel.

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30. The door module of claim 18, wherein said at least one of a window regulator subassembly and a door lock subassembly comprises said door lock subassembly,

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and said door module further comprises means connected to said door lock subassembly for displacing said door lock subassembly on said door trim panel from a transport position to an assembly position for attachment to the door inner liner, at least a portion of said door lock subassembly projecting beyond said door trim panel when said door lock subassembly is in the assembly position.

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31. The door module of claim 18, wherein said door trim panel includes a main part and a hinged part, said main part having an opening to permit access for securing said at least one subassembly to the door inner liner and said hinged part being pivotable relative to said main part for covering the opening.

32. The door module of claim 18, further comprising a waterproofing strip or band that extends around the periphery of said door trim panel to act as a seal for the door inner liner when said door module is assembled to the door inner liner, and wherein said door trim panel is equipped with at least one wide central removable or detachable boss capable of allowing access for attachment of said at least one subassembly to the door inner liner.

Sub C5

33. The door module of claim 18, wherein said at least one of a window regulator subassembly and a door lock subassembly comprises said door lock subassembly, and further comprising a metal reinforcement and support plate mounted to said door trim panel, with said door lock subassembly being mounted to said plate.

34. The door module of claim 33, wherein said door lock subassembly is attached to said plate to be slidable relative to said plate in order to reach a final assembly position on the door after said module has been assembled to said door inner liner.

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35. The door module of claim 33, wherein: said at least one of a window regulator subassembly and a door lock subassembly further comprises said window regulator subassembly; said plate has an approximately "X" shape with two upper ends and two lower ends and said plate is arranged to be fixed to the door inner liner by said upper and lower ends; and said window regulator subassembly is fixed to said plate.

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36. The door module of claim 33, wherein: said at least one of a window regulator subassembly and a door lock subassembly further comprises said window regulator subassembly; said window regulator subassembly has drive slides; said plate has two parallel longitudinal sides on which two edges are formed for receiving said drive slides, integrating into one single multifunctional part all the components of said window regulator subassembly, and fixing said window regulator subassembly to the door inner liner.

37. The door module of claim 18, wherein said at least one of a window regulator subassembly and a door lock subassembly comprises said window regulator subassembly, and said window regulator subassembly comprises a single or a double rail.